|     | Index of Claims  |                 |                    |          |          |                     |          |                          |          |            |          |          |          | Application/Control No. |                |          |          |              |                |           |          |            |              | Applicant(s)/Patent under Reexamination |         |                 |                     |        |          |   |   |
|-----|--|-----------------|--------------------|----------|----------|---------------------|----------|--------------------------|----------|------------|----------|----------|----------|-------------------------|----------------|----------|----------|--------------|----------------|-----------|----------|------------|--------------|---|---------|-----------------|---------------------|--------|----------|---|---|
|     |  |                 |                    |          |          |                     |          |                          |          |            |          |          |          | 10/706,492              |                |          |          |              |                |           |          |            | GAO ET AL.   |   |         |                 |                     |        |          |   |   |
|     |  |                 |                    |          |          |                     |          |                          |          |            |          |          |          | Examiner                |                |          |          |              |                |           |          |            | Art Unit     |   |         |                 |                     |        |          |   |   |
|     | J 180131 11017 10017 10011 00112 SIMI ELEMENTE MENTE M |                 |                    |          |          |                     |          |                          |          |            |          |          |          |                         | Jerry T. Rahll |          |          |              |                |           |          |            | 2874         |   |         |                 |                     |        |          |   |   |
|     | √ Rejected   |                 |                    |          |          |                     |          | (Through numer Cancelled |          |            |          |          | eral     | )                       | N Non-Elect    |          |          |              |                | cted      | 4        | A          | Appeal       |   |         |                 |                     |        |          |   |   |
|     | = Allowe   |                 |                    |          |          | ed                  |          |                          |          | Restricted |          |          |          |                         |                |          |          | Interference |                |           | 0        | Objected   |              |   |         |                 |                     |        |          |   |   |
|     | Claim  |                 |                    |          |          | Date                |          |                          |          | ]          | Claim    |          |          |                         | Date           |          |          | <del></del>  |                |           | Claim    |            | L            | Date                                    |         |                 |                     |        |          |   |   |
|     | Final  | Original        | 9/2/8              | 3        |          |                     |          |                          |          |            | Final    | Original |          |                         |                |          |          |              |                |           | je di    | Original   |              |   |         |                 |                     |        |          | • |   |
|     |  | 1 2             | 1                  | Y        | $\dashv$ | _                   | Н        | $\dashv$                 | $\bot$   | -          |          | 51<br>52 | H        | +                       | F              |          |          |              | 7              | 7         |          | 101        |              |   | 1       | П               | 1                   | #      | -        | ĺ | ! |
| • . |  | 3               | O                  | =        |          |                     |          | 〓                        | #        |            |          | 53       |          | 士                       |                |          |          |              |                |           |          | 103        |              |   |         | 団               | $\pm$               |        | $\perp$  |   |   |
|     | -  | 5               | 8                  | 101      | $\dashv$ | +                   | Н        | $\dashv$                 | +        | -          | <u> </u> | 54<br>55 | $\vdash$ | +                       | ╀              |          | _        |              | $\dashv$       | -         | _        | 104        |              | _                                       | -       | $\vdash$        | 4                   | -      | $\vdash$ |   |   |
|     |  | 6               | 0                  | =        | $\Box$   | $\bot$              |          | $\Box$                   |          |            |          | 56       |          |                         | $\perp$        |          |          |              | 士              |           |          | 106        |              |   |         |                 | $\perp$             | 士      | t        |   |   |
|     | $\vdash$   | 7 <u>.</u><br>8 | 90                 | = %      | +        | +-                  | $\vdash$ | $\dashv$                 | +        | -          | <u> </u> | 57<br>58 | ┝┼       | +                       | +              |          | Н        |              | -              | -         | _        | 107<br>108 |              |   | +       | $\vdash$        | $\dashv$            | 4      | -        | l |   |
|     |  | 9               | lo i               | •        | 1        | T                   |          |                          | 士        | ]          |          | 59       |          | 1                       | 世              |          |          |              |                |           |          | 109        |              | _                                       | +-      |                 | $\dashv$            | +      | +-       |   |   |
|     |  | 10<br>11        | 4                  | 000      | +        | +                   | $\sqcup$ | $\dashv$                 | -        | _          |          | 60<br>61 |          | +                       | $\bot$         |          |          |              | _[             | _         |          | 110        |              |   | Ţ       | П               | $\dashv$            | Ţ      | $\Box$   | l |   |
|     |  | 12              | 0                  | 0        | +        | +-                  | Н        | $\dashv$                 | $\dashv$ | -          | $\vdash$ | 62       | $\vdash$ | ┿                       | +              |          | Н        | $\vdash$     | +              | -         | -        | 111<br>112 |              | -                                       | ╁       | Н               | $\dashv$            | ╌      | ╁        |   |   |
|     |  | 13              |                    |          | $\perp$  | 工                   | $\Box$   | $\Box$                   | 1        |            |          | 63       |          | T                       |                |          |          |              |                |           |          | 113        |              |   | 上       | П               |                     |        | 上        |   |   |
|     |  | 14<br>15        |                    | X        | +        | +                   | H        | $\dashv$                 | +        | -          | _        | 64<br>65 | $\vdash$ | ╁                       | +              |          | Н        |              | $\dashv$       | -         |          | 114<br>115 |              | +                                       | +       | $\vdash \vdash$ | 4                   | - -    | ╀        | 1 |   |
|     |  | 16              | 0                  | 0000     |          | 士                   |          |                          | 1        |            |          | 66       |          | $\pm$                   |                |          |          |              | _              | _         |          | 116        |              | $\top$                                  | +       | ╂╌╂             | $\dashv$            | +      | +-       |   |   |
|     |  | 17              | 30                 | Ŏ        | 1        | +                   |          | $\dashv$                 | 1        | ]          |          | 67       |          | Ţ                       |                |          |          |              | $\Box$         | $\square$ |          | 117        |              | 1                                       | T       | П               | $\Box$              | Ŀ      | I        |   |   |
|     | $\vdash$   | 18<br>19        | 00                 | 듹        | +        | +                   | $\vdash$ | $\dashv$                 | +        | -          | -        | 68<br>69 |          | +                       | Н              |          | Н        | $\vdash$     | +              | -         | -        | 118        |              | +                                       | ╁       | ╂╌┨             | $\dot{+}$           | ┿      | ┼-       |   |   |
|     |  | 20              | δ                  | -        |          |                     |          | $\Box$                   |          |            |          | 70       |          |                         |                |          |          |              |                |           |          | 120        |              |   | 上       |                 |                     |        |          |   |   |
|     |  | 21              | 9                  | 3        | -        | +-                  | $\vdash$ | -                        |          | -          |          | 71<br>72 | -        | - -                     | +              | _        | _        | $\square$    | -              | -         | -        | 121<br>122 |              | 4                                       | 1       |                 |                     | - -    | 1        |   |   |
|     |  | 23              | Ė                  | H        | +        | +                   | +        | +                        | 十        | ٦.         |          | 73       | $\vdash$ | ╁                       | Н              |          | Н        |              | -+             | -         | $\vdash$ | 123        |              |   | ╁       | H               | +                   | +      | +        |   |   |
|     |  | 24              |                    |          |          | $\bot$              | П        |                          |          | ]          |          | 74       | $\Box$   | $\top$                  | $\Box$         |          |          |              | $\Box$         |           |          | 124        |              |   | 1       |                 |                     |        |          |   |   |
|     |  | 25<br>26        |                    | ⊢        | +        | +                   | $\vdash$ | $\dashv$                 | +        | -          |          | 75<br>76 | $\dashv$ | +                       | +              |          | _        | $\vdash$     |                | -         | ⊩        | 125<br>126 | $\mathbb{H}$ | +                                       | +-      | Н               | $\dashv$            | -      | +        |   |   |
|     |  | 27              |                    |          |          | 1                   | $\Box$   |                          | 1        |            | <b></b>  | 77       | H        |                         | $\top \exists$ | _        |          | $\vdash$     | _              | -         | -        | 127        |              | +                                       | +-      | H               | 十                   | -      | +-       | į |   |
|     |  | 28              |                    | Ц        | -        | $\perp$             | Ш        | $\perp$                  | $\perp$  | _          |          | 78       |          | $\perp$                 |                |          |          |              | $\blacksquare$ | ]         |          | 128        |              | $\Box$                                  | $\perp$ |                 | $\Box$              |        |          | į |   |
|     |  | 29<br>30        | -                  | Н        | $\dashv$ | +-                  | $\vdash$ | +                        | +        | -          |          | 79<br>80 | $\vdash$ | +                       | +              | _        | Н        | Н            | +              | $\dashv$  | ┝        | 129<br>130 |              | +                                       | ╁       | H               | $\dashv$            | -      | +-       |   |   |
|     |  | 31              |                    |          |          |                     |          | コ                        |          |            |          | 81       |          |                         |                |          |          |              | 士              |           |          | 131        |              |   | 1       | П               | $\dashv$            | $\top$ | +        |   |   |
| •   | _  | 32<br>33        |                    | Н        | +        | +-                  | $\sqcup$ | +                        | +        | -          |          | 82<br>83 | $\vdash$ | +                       | +              | _        |          |              | +              | 4         | _        | 132        |              |   | $\perp$ | П               | 4                   | $\bot$ | $\Box$   |   |   |
|     |  | 34              | Н                  | H        | $\dashv$ | ╁                   | Н        | 十                        | +        | -          |          | 84       |          | ┿                       | +              | -        | Н        | $\vdash$     | +              | -         | ⊩        | 133<br>134 |              |   | ╁       | H               | +                   | -      | +        |   |   |
|     |  | 35              |                    |          |          | $\perp$             | $\Box$   | 耳                        | T        |            |          | 85       | $\Box$   | 工                       | $\Box$         |          |          |              | $\perp$        |           |          | 135        |              |   |         | П               | I                   |        |          |   |   |
|     | _  | 36<br>37        | Н                  | Н        | +        | +-                  | Н        | +                        | +        | -          |          | 86<br>87 |          | +                       | ╅╌┧            | 4        | Н        | -            | +              | -         | <u> </u> | 136<br>137 |              | -                                       | +-      | $\vdash$        | 4                   | +      | $\vdash$ |   |   |
|     |  | 38              |                    |          |          |                     | П        |                          |          |            |          | 88       |          | +                       | 11             |          |          | $\dashv$     | ╅              | ┨         | -        | 138        |              |   | +       | $\vdash$        | +                   | +      | +-       |   |   |
|     |  | 39              |                    | Ц        | Ţ        | $oldsymbol{\Gamma}$ | П        | $\Box$                   | 1        | 4          |          | 89       | T        | T                       | П              | $\Box$   | $\Box$   | $\Box$       | 耳              | 7         |          | 139        |              | $\perp$                                 | T       | $\square$       | $\rightrightarrows$ |        | П        |   | • |
|     | ┝┯┤  | 40<br>41        | Н                  | $\dashv$ | +        | +                   | H        | +                        | +        | -          |          | 90       | +        | +                       | +              | -        | -        | $\dashv$     | +              | -         | -        | 140        |              | +                                       | ╁       | $\vdash \vdash$ | +                   | - -    | $\dashv$ |   |   |
|     |  | 42              |                    |          | 士        |                     | ╚        | 士                        | 土        |            |          | 92       |          | 1                       | 士              |          |          |              | 士              |           |          | 142        |              | _                                       | $\pm$   | H               | $\dashv$            | +-     | +        |   |   |
|     |  | 43<br>44        |                    | $\sqcup$ | $\perp$  | $\perp$             | $\Box$   | $\downarrow$             | $\bot$   | -          |          | 93       | $\Box$   | T                       | П              | Ц        | Ц        |              | $\bot$         | ]         |          | 143        |              | $\perp$                                 | I       | 口               | $\downarrow$        | 工      | $\Box$   |   |   |
|     |  | 45              |                    | $\dashv$ | +        | +                   | $\vdash$ | $\dashv$                 | +        | -          |          | 94<br>95 | +        | +                       | ╁┤             | $\dashv$ | $\dashv$ | $\dashv$     | +              | $\dashv$  | $\vdash$ | 144<br>145 |              | +                                       | ╁       | H               | +                   | +      | H        |   |   |
|     |  | 46              | $\overline{\cdot}$ | $\Box$   | 1        | I                   |          | $\Box$                   | 工        |            |          | 96       |          | 1                       | П              |          |          | コ            |                |           |          | 146        |              | 士                                       |         | 口               | 士                   | 士      | $\Box$   |   | • |
|     | <b> </b>   | 47              | _                  | _        | _        | ┺                   | Ш        | 4                        | _ _      | J::::      |          | 97       |          |                         | $\sqcup$       | $\Box$   | $\Box$   |              |                | ╝         | L        | 147        | $\Box$       |   |         |                 | $\Box$              |        |          |   |   |

Application/Control No.